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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/305,722	05/05/1999	ZHENAN BAO	BAO-9-1-13	2552

28221 7590 03/05/2003

GLEN E. BOOKS, ESQ.  
LOWENSTEIN SANDLER PC  
65 LIVINGSTON AVENUE  
ROSELAND, NJ 07068

EXAMINER

ALANKO, ANITA KAREN

ART UNIT	PAPER NUMBER
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1765

DATE MAILED: 03/05/2003

22

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action**

Application No.

09/305,722

Applicant(s)

BAO ET AL.

Examiner

Anita K Alanko

Art Unit

1765

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 20 February 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY** [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
- ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☒ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
- (b) ☐ they raise the issue of new matter (see Note below);
- (c) ☒ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet.

3. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.
4. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because: \_\_\_\_\_.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☒ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_.

Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: 1 3-5 7-9 11-12 19.

Claim(s) withdrawn from consideration: 13-15 20-22.

8. ☐ The proposed drawing correction filed on \_\_\_\_\_ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_.
10. ☐ Other: \_\_\_\_\_

*Anita K. Alanko*  
Anita K Alanko  
Primary Examiner  
Art Unit: 1765

Continuation of 5. does NOT place the application in condition for allowance because: replacing a term by its abbreviation (self-assembled monolayer & SAMS) does not overcome the rejection. Examiner repeats the arguments from the previous advisory action, page 6, lines 3-7 of the specification recites to use inks to print SAMS onto a substrate, it does not recite to form a SAM on the stamp, as is claimed. The claim cites "a self-assembled monolayer ink" not a SAM-forming ink. The stamp is soaked in a solution containing a SAM-forming molecular species. The SAM is formed on the substrate, not on the stamp.

The prior art does not teach to form a SAMS ink on a stamp. If the claim was amended to cite a SAMS-forming ink, then that would overcome the new matter rejection but would also be a new issue for consideration because a SAMS-forming ink is different from a SAMS ink. See also the remarks of the final rejection. Examiner does not consider applying an organic semiconductor layer to a substrate to be novel. Organic semiconductors are well known as is evidenced, for example, by whole journals devoted to the subject ("Synthetic Metals"). The claim is not limited to an organic transistor since the preamble is given no patentable weight. The body of the claim itself is also not limited to an organic transistor since forming an organic semiconductor does not by itself form a transistor. Other layers are needed to form the transistor.